Index of Claims

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| - 4-1 |          | •     |

09/831,640

Examiner

Applicant(s)

**DURNER ET AL** 

Art Unit

Arlen Soderquist

1743

| √ | Rejected |
|---|----------|
| _ | Allowed  |

(Through numeral) Cancelled

Restricted

| N | Non-Elected |
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|   |             |

Interference

Appeal

Objected

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| Cla      | aim_     |          |           |          | !  | Dat  | е            |              |  | _         | Cla      | im       |                   | _       |              | Dat | e            |  | .—       |        |          |
|----------|----------|----------|-----------|----------|--|--|--------------|--------------|--|-----------|----------|----------|-------------------|---------|--------------|-----|--------------|--|----------|--------|----------|
| Final    | Original | 3/15/04  |           |          |  |  |              |              |  |           | Final    | Original |                   |         |              |     |              |  |          |        |          |
|          | 1        | √        |           |          |  |  |              |              |  |           |          | 51       |                   |         | I            |     |              |  |          |        |          |
|          | 2        | √        |           |          |  |  |              |              |  |           |          | 52       |                   |         |              |     |              |  |          |        |          |
|          | 3        | √        | L         |          |  |  |              |              |  |           |          | 53       |                   |         | _ _          |     |              |  |          |        | l L      |
|          | 4        | √        |           |          |  |  | _            | ļ            |  |           | L        | 54       | $\sqcup$          |         | _            | 1_  |              |  |          |        | L        |
|          | 5        | √        |           |          | _  |  |              | ļ            | L_   |           | ļ        | 55       |                   |         | $\perp$      |     | <u> </u>     |  |          |        | -        |
|          | 6        | √        | _         | <u> </u> | <u> </u>   | ļ  | _            | _            |  |           | <u> </u> | 56       |                   | _       | $\bot$       | 1   | <u> </u>     |  |          |        | -        |
|          | 7        | V        | <u> </u>  | ⊢        | ļ  |  | <u> </u>     | ┝            | -  | Щ         | -        | 57       | -                 | _       | +-           | +   | ⊢            |  |          |        | <b>∤</b> |
| ├        | 8        | V        | ├—        | ⊢        |  |  | -            | ┝            |  | $\vdash$  | -        | 58<br>59 |                   | -       | +            | +   |              |  | H        |        | }        |
| -        | 9<br>10  | √        | ├         | ├        | ├—   | <u> </u>   |              | ┢            |  |           | -        | 60       |                   |         | ╁            | +   | -            | ļ.—  | -        | -      |          |
| -        | 11       | V        | <u> </u>  | ├        | -  |  |              |              |  | H         | <u> </u> | 61       | -                 |         | +-           | +-  | -            | ļ  | -        | -      | F        |
| -        | 12       | V        |           | ╁┈       | †  |  | 1            |              |  |           | -        | 62       |                   |         | +            | +   | -            |  | -        | -      | F        |
|          | 13       | V        | $\vdash$  |          |  |  | ┢            | ╁            | -  |           |          | 63       | $\vdash$          | +       | ╁            | +   | -            | <u> </u>   |          | -      | l h      |
| 1        | 14       | √<br>√   | $\vdash$  |          | T  |  | $\vdash$     | ✝            | $\vdash$   | $\vdash$  |          | 64       |                   | +       | +            | +   |              | <del>                                     </del> |          | -      | -        |
|          | 15       | V        | <u> </u>  | <u> </u> | T  |  | T            |              | t  | $\Box$    |          | 65       |                   | $\top$  | $\dagger$    | 1   |              |  |          |        |          |
|          | 16       | V        |           | <u> </u> | 1  |  |              |              |  |           |          | 66       |                   |         | $\top$       |     | T            |  |          |        |          |
|          | 17       | V        |           |          |  |  |              |              |  |           |          | 67       |                   |         | 1            | T   |              |  |          |        |          |
|          | 18       | √        |           |          |  |  |              |              |  |           |          | 68       |                   |         |              |     |              |  |          |        |          |
|          | 19       | √        |           |          |  |  |              |              |  |           |          | 69       |                   |         |              |     |              |  |          |        |          |
|          | 20       |          |           | L        |  |  |              |              |  |           |          | 70       |                   |         |              |     |              |  |          |        |          |
|          | 21       |          |           |          | L  | _  |              |              |  | Ш         |          | 71       |                   |         | $\perp$      |     | <u> </u>     | _  | ļ        |        |          |
|          | 22       |          |           |          |  |  |              |              |  | Ш         |          | 72       |                   |         | 1            |     | ļ.,          | _  |          | L      | -        |
|          | 23       | <u> </u> |           | _        | ┡  | _  |              | _            | _  | Ш         |          | 73       | $\vdash$          | $\perp$ | 4            | -   | ļ            |  |          |        |          |
| <u> </u> | 24       |          |           | _        | ┝  | _  |              | _            | _  | Ш         |          | 74       | $\vdash$          | +       | +            | -   | <u> </u>     | _  | ļ        |        |          |
| <u> </u> | 25       | -        |           |          | ┢  | -  |              |              | _  | Н         |          | 75<br>76 |                   | +       | ╬            |     | ├            |  |          |        | l        |
| }        | 26<br>27 |          |           |          |  |  |              | -            |  |           |          | 77       | -                 | +       |              | +   | -            |  |          |        | ŀ        |
| $\vdash$ | 28       | $\vdash$ |           | $\vdash$ | ┢╌   | -  |              |              | $\vdash$   | Н         | $\vdash$ | 78       | $\vdash$          | +       | +            | +   |              | ├  | $\vdash$ | -      | -        |
| <u> </u> | 29       | $\vdash$ |           |          | ┢  | ┢  |              | -            | ┢  | H         | -        | 79       |                   | +       | +            | +-  | ┝            | -  |          |        | <br> -   |
|          | 30       |          |           |          | H  |  |              |              |  | $\vdash$  | -        | 80       |                   | +       | +            | +   | 1            | $\vdash$   |          |        | -        |
| h        | 31       |          |           |          | $\vdash$   | $\vdash$   |              |              | $\vdash$   | H         |          | 81       | $\vdash$          | +       | +            | +   | -            | <del>                                     </del> | -        |        | -        |
|          | 32       | -        |           |          | $\vdash$   |  |              | _            |  |           |          | 82       |                   | _       | _            | 1-  | 1            |  |          |        | -        |
|          | 33       |          |           |          |  |  |              |              |  |           |          | 83       |                   | 1       |              | 1   | Г            |  |          |        |          |
|          | 34       |          |           |          | L  |  |              |              |  |           |          | 84       |                   |         |              |     |              |  |          |        |          |
|          | 35       |          |           |          |  |  |              |              |  |           |          | 85       |                   | I       | $\mathbb{T}$ |     |              |  |          |        | [        |
|          | 36       |          |           |          |  |  |              |              |  |           |          | 86       |                   |         |              |     |              |  |          |        |          |
|          | 37       | _        |           | _        | <u> </u>   | $oxed{oxed}$                                     |              | <u> </u>     | <u> </u>   | Ш         |          | 87       |                   |         | $\perp$      |     |              | _  |          |        |          |
|          | 38       |          | _         | <u> </u> | <u> </u>   | _  | <u> </u>     | _            | _  | Ш         | <u> </u> | 88       |                   | $\perp$ | _            | 1_  |              | <u>L</u>   | L        |        |          |
|          | 39       | <u> </u> |           | _        | $\vdash$   |  | <b> </b>     | <u> </u>     | <u> </u>   | Ш         | <u> </u> | 89       | $\sqcup \bot$     | $\perp$ | $\perp$      | _   | _            | ļ.,  |          |        |          |
|          | 40       | <u> </u> |           | -        | <u> </u>   | -  | <u> </u>     | <u> </u>     | ⊢  | Ш         | <u> </u> | 90       | $\vdash \vdash$   | $\bot$  | +-           | +-  |              | <u> </u>   | <u> </u> | _      | -        |
|          | 41       |          | _         |          | $\vdash$   | <u> </u>   | $\vdash$     | _            |  | $\vdash$  | -        | 91       |                   |         |              |     |              | <u> </u>   |          |        |          |
|          | 42       |          | <u> </u>  |          |  | <del> </del>                                     | <u> </u>     |              | <del> </del>                                     | $\vdash$  |          | 92       | -                 | +       | +            | +   | $\vdash$     | $\vdash$   |          | _      |          |
| -        | 43<br>44 |          | <b> -</b> | -        | -  | -  | -            |              | -  | H         |          | 93<br>94 |                   | +       | +            | +   | $\vdash$     | <u> </u>   |          |        |          |
| -        | 45       |          | -         | $\vdash$ | ┢  | <u> </u>   |              | -            |  | H         | <b> </b> | 95       | $\vdash$          | +       | +            | +   | 1            | -  |          |        | -        |
|          | 46       | -        |           | -        | ╁╌   | -  | <del> </del> |              | <del>  -</del> -                                 |           |          | 96       | +                 | +       | ╁            | +-  | -            | <del> </del>                                     | -        |        |          |
|          | 47       | $\vdash$ |           |          | $\vdash$   | Ι-   | Ι            |              | $\vdash$   | $\dashv$  | -        | 97       | $\vdash \vdash$   | +       | +            | +   | $\vdash$     |  |          |        |          |
|          | 48       | -        |           | -        | <del>                                     </del> | <del>                                     </del> | $\vdash$     | <del> </del> | <del>                                     </del> | H         |          | 98       | $\vdash \uparrow$ | +       | +-           | +-  | $\vdash$     |  | Н        |        | <br>     |
|          | 49       | $\vdash$ |           |          |  |  |              |              |  | $\square$ |          | 99       | $\vdash$          | 1       | +            |     | t            |  |          | -      | ,        |
|          | 50       |          |           |          | <u> </u>   | Г  |              | _            |  |           |          | 100      | $\vdash$          | _       | 1            |     |              |  | П        | $\Box$ |          |
|          |          |          |           |          |  |  |              |              | -  |           | Ь        |          |                   |         |              |     | <del>'</del> |  |          | _      | L.       |

| Cla      | aim      | Date     |          |          |              |   |  |          |     |          |  |  |  |
|----------|----------|----------|----------|----------|--------------|---|--|----------|-----|----------|--|--|--|
| <u> </u> |          |          |          |          |              |   |  |          |     |          |  |  |  |
| Final    | Original |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 51       |          |          |          |              |   |  |          | _   |          |  |  |  |
|          | 52       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 53       | -        |          | _        | <del> </del> |   | $\vdash$   |          |     |          |  |  |  |
| <b>†</b> | 54       |          |          | ┢        | $\vdash$     |   | $\vdash$   |          |     | $\vdash$ |  |  |  |
| -        | 54       |          |          |          |              | -   |  |          |     |          |  |  |  |
|          | 55       |          |          |          | _            | -   | -  |          |     | _        |  |  |  |
|          | 56       |          |          |          |              | 1   |  |          |     | _        |  |  |  |
| <u> </u> | 57       |          | _        |          | <u> </u>     |   |  |          |     | _        |  |  |  |
|          | 58       |          |          |          |              | _   | _  |          | _   | <u> </u> |  |  |  |
| <u> </u> | 59       |          | L        |          |              | _   |  |          | L   | _        |  |  |  |
|          | 60       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 61       |          |          |          | l            |   |  |          |     |          |  |  |  |
|          | 62       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 63       |          |          |          | Г            |   |  |          |     |          |  |  |  |
|          | 64       |          |          | T        | T            |   |  | T        | T . | _        |  |  |  |
|          | 65       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 66       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 67       |          |          |          | _            |   |  |          |     |          |  |  |  |
|          | 68       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 69       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 70       | $\vdash$ | <u> </u> | -        |              |   |  |          |     |          |  |  |  |
|          | 71       |          |          |          |              |   |  |          | -   | _        |  |  |  |
|          | 72       |          |          |          |              | <u> </u>  | <del> </del>   | _        |     | -        |  |  |  |
|          | 73       |          |          |          |              |   | <u> </u>   |          |     | -        |  |  |  |
|          | 74       |          |          |          |              |   |  |          | -   | <u>-</u> |  |  |  |
|          | 75       |          |          |          |              |   | <u> </u>   |          |     |          |  |  |  |
|          | 76       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 77       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 78       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 79       |          |          |          |              |   | _  |          |     |          |  |  |  |
|          | 80       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 81       |          |          |          |              |   |  | Ĺ        |     |          |  |  |  |
|          | 82       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 83       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 84       |          | Ĺ        | L        | L.           |   |  | L        | Ľ.  |          |  |  |  |
|          | 85       |          |          | L        | Ľ            |   |  | L        |     |          |  |  |  |
|          | 86       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 87       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 88       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 89       |          |          |          |              | L   |  | L        |     |          |  |  |  |
|          | 90       |          |          |          |              |   |  |          |     |          |  |  |  |
|          | 91       |          | <u> </u> | <u></u>  | L            |   |  | L        | L   |          |  |  |  |
| <u></u>  | 92       |          | L_       |          |              |   | $ldsymbol{ld}}}}}}$ |          |     | <u> </u> |  |  |  |
| L        | 93       |          | L        | <u> </u> | Ш            | $ldsymbol{le}}}}}}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$  | <u> </u> |     | <u> </u> |  |  |  |
| L        | 94       |          | <u> </u> |          | L.           |   |  |          |     |          |  |  |  |
| L        | 95       |          |          |          |              | L.,   | <u> </u>   | <u> </u> | L.  | L.       |  |  |  |
|          | 96       |          |          |          |              |   | Ш  | Ш        | _   | L        |  |  |  |
| L        | 97       |          |          | L        |              |   | Ш  | L        |     |          |  |  |  |
| ļ        | 98       |          |          | Ш        |              | Щ   | L!   |          | Ш   |          |  |  |  |
| L_       | 99       |          | L        |          |              |   |  |          | Ш   | _        |  |  |  |
| 1        | 100      |          |          | l i      |              |   |  |          | 1   |          |  |  |  |

| Cla  | aim                      | Date         |              |              |  |              |  |              |  |                         |  |
|--|--------------------------|--------------|--------------|--------------|--|--------------|--|--------------|--|-------------------------|--|
|  |                          |              |              |              |  |              |  |              |  |                         |  |
| Final  | Original                 |              |              |              |  |              |  |              |  |                         |  |
| :=   | ij                       |              |              |              |  |              |  |              |  |                         |  |
|  |                          |              |              |              |  |              |  |              |  |                         |  |
|  | 101<br>102<br>103<br>104 |              |              |              |  | 一            | _  | -            | <del>                                     </del> | Н                       |  |
|  | 102                      |              |              | <del></del>  |  |              |  | $\vdash$     | $\vdash$   | Н                       |  |
| <u> </u>   | 103                      |              | -            |              |  |              | -  | $\vdash$     | $\vdash$   | Н                       |  |
|  | 104                      |              |              | -            |  | -            |  | ⊢            | $\vdash$   | $\vdash$                |  |
|  | 105                      |              | -            |              |  |              | -  | $\vdash$     | ⊢  | Н                       |  |
|  | 106                      | -            | -            | -            |  | -            |  | -            |  | H                       |  |
| <u> </u>   | 107                      |              |              | $\vdash$     |  | $\vdash$     |  |              |  | Н                       |  |
|  | 108                      |              |              |              |  | $\vdash$     | ├  |              |  | $\vdash$                |  |
| -  | 100                      |              |              | -            |  | <del> </del> |  |              |  |                         |  |
|  | 109<br>110               |              |              | ├            |  | -            |  | <u> </u>     | H  | Н                       |  |
| ļ  | 110                      |              | <u> </u>     |              |  |              | _  |              | ┢  | Н                       |  |
| ļ  | 111<br>112               |              |              | -            | ļ  | -            |  |              | -  | Н                       |  |
| <u> </u>   | 112                      | <u> </u>     |              |              | <u> </u>   | _            |  | <u> </u>     |  | $\mid \perp \mid$       |  |
| ļ  | 113                      | ļ            |              | _            | <u> </u>   | <b> </b>     | <u> </u>   | <u> </u>     | ├-   | $\mid \rightarrow \mid$ |  |
| <u> </u>   | 114<br>115               |              |              | <u> </u>     |  | <u> </u>     |  |              | <u> </u>   | $\vdash$                |  |
|  | 115                      |              |              | _            |  |              |  |              |  | Ш                       |  |
|  | 116                      |              | _            |              |  |              | <u> </u>   | <u> </u>     |  | Ш                       |  |
|  | 117                      |              |              | <u> </u>     |  |              |  |              |  | Ш                       |  |
|  | 118                      |              |              |              |  |              |  |              |  |                         |  |
|  | 119                      |              |              |              |  |              |  |              |  | Ш                       |  |
|  | 120                      |              |              |              |  |              |  |              |  |                         |  |
|  | 121                      |              |              |              |  |              |  |              |  |                         |  |
|  | 122<br>123<br>124        |              |              |              |  |              |  |              |  |                         |  |
|  | 123                      |              |              |              |  |              |  |              |  |                         |  |
|  | 124                      |              |              |              |  |              |  |              |  |                         |  |
|  | 125                      |              |              |              |  |              |  |              |  |                         |  |
|  | 125<br>126               |              |              |              |  |              |  |              |  | П                       |  |
|  | 127<br>128<br>129        | _            |              |              |  |              |  |              |  | М                       |  |
|  | 128                      |              | $\vdash$     | $\vdash$     |  |              |  |              |  | П                       |  |
|  | 129                      |              |              |              |  |              |  |              |  | П                       |  |
|  | 130                      |              |              |              |  |              |  | <u> </u>     |  |                         |  |
| ·  | 130<br>131               |              |              |              | $\vdash$   |              |  |              |  | Н                       |  |
|  | 132                      |              | _            |              | $\vdash$   |              |  |              |  | H                       |  |
|  | 133                      |              |              |              |  | -            |  |              | -  | Н                       |  |
|  | 133<br>134               | $\vdash$     | $\vdash$     | $\vdash$     |  |              | -  | -            |  | $\vdash \vdash$         |  |
|  | 135                      | $\vdash$     |              | -            | <del>                                     </del> | -            | <del>                                     </del> | $\vdash$     |  | $\vdash$                |  |
| <del>                                     </del> | 136                      | $\vdash$     | $\vdash$     | $\vdash$     |  | -            | <del> </del>                                     | <del> </del> |  | $\vdash \vdash$         |  |
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| i  | 138                      | $\vdash$     | $\vdash$     | $\vdash$     | <del>                                     </del> |              |  | $\vdash$     | <u> </u>   | $\vdash\vdash$          |  |
| <b> </b>   | 139                      |              | <del> </del> | -            | -  | <u> </u>     | <u> </u>   | $\vdash$     |  | $\vdash \vdash$         |  |
| $\vdash$   | 140                      | <del> </del> |              |              | <del> </del>                                     |              |  |              | <del> </del> —                                   | Н                       |  |
| l  |                          |              |              | -            | -  |              | $\vdash$   | <u> </u>     |  | Н                       |  |
| <u> </u>   | 141                      |              |              | -            | -  | -            | <u> </u>   | <del> </del> | -  | $\vdash$                |  |
|  | 142                      | _            | ├—           | -            | -  |              | <u> </u>   | ļ            |  | $\vdash \vdash$         |  |
|  | 143                      | -            | ļ            |              |  |              | <u> </u>   | <del> </del> |  | Н                       |  |
|  | 144                      | <u> </u>     | <u> </u>     | ļ            | _  | <u> </u>     | <u> </u>   | <u> </u>     |  | Ш                       |  |
|  | 145                      | <u> </u>     |              | <u> </u>     | L-   | <u> </u>     | L  | <u> </u>     |  |                         |  |
| L  | 146                      | _            | L_           | <u> </u>     |  | <u> </u>     |  |              | <u> </u>   | Ш                       |  |
| L  | 147                      |              |              | $oxed{oxed}$ | Ш  |              | _  |              |  |                         |  |
| أحسا   | 148                      |              | ļ            |              |  |              |  | L            |  | Ш                       |  |
| لـــــــا  | 149                      |              | <u> </u>     |              |  |              | <u> </u>   | L_           | L  |                         |  |
| L  | 150                      |              |              |              |  |              |  |              |  |                         |  |